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Fig. 1A

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Fig. 1B

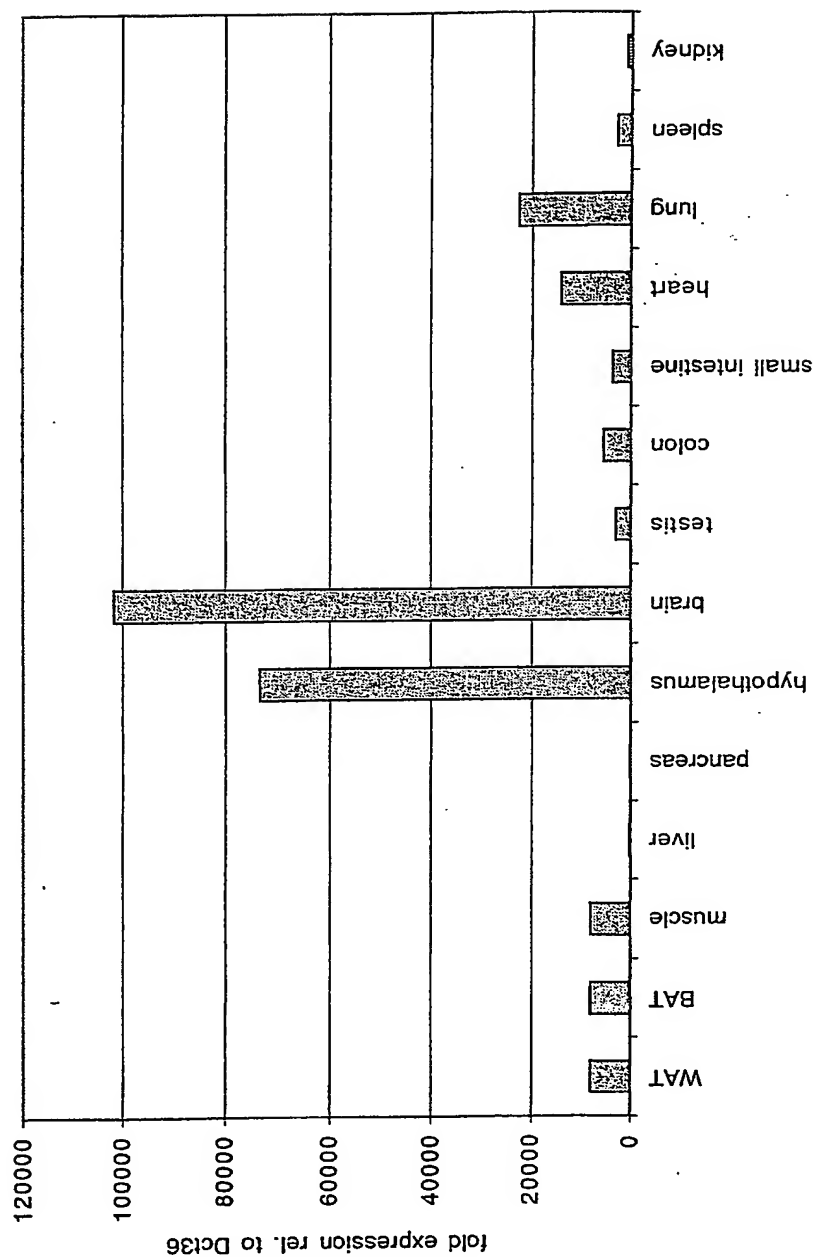


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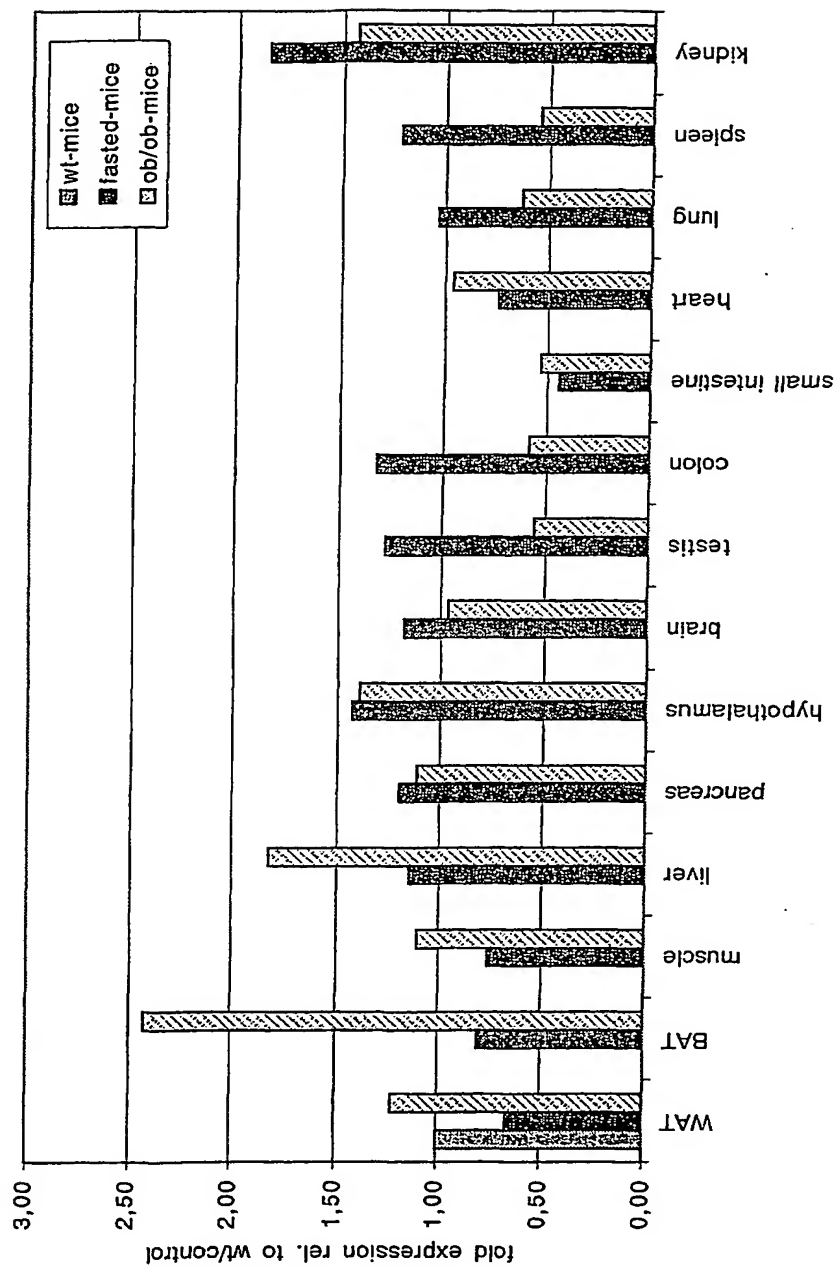


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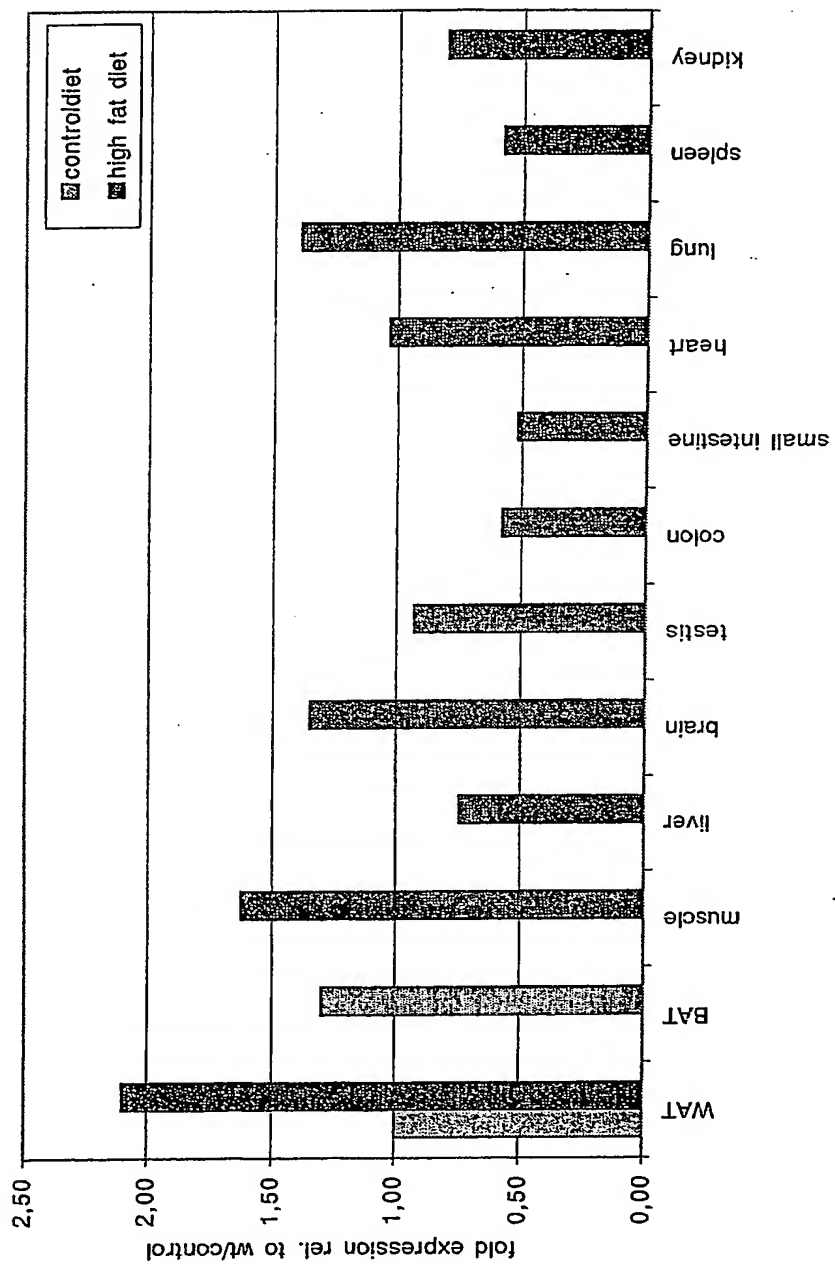


Fig. 2C

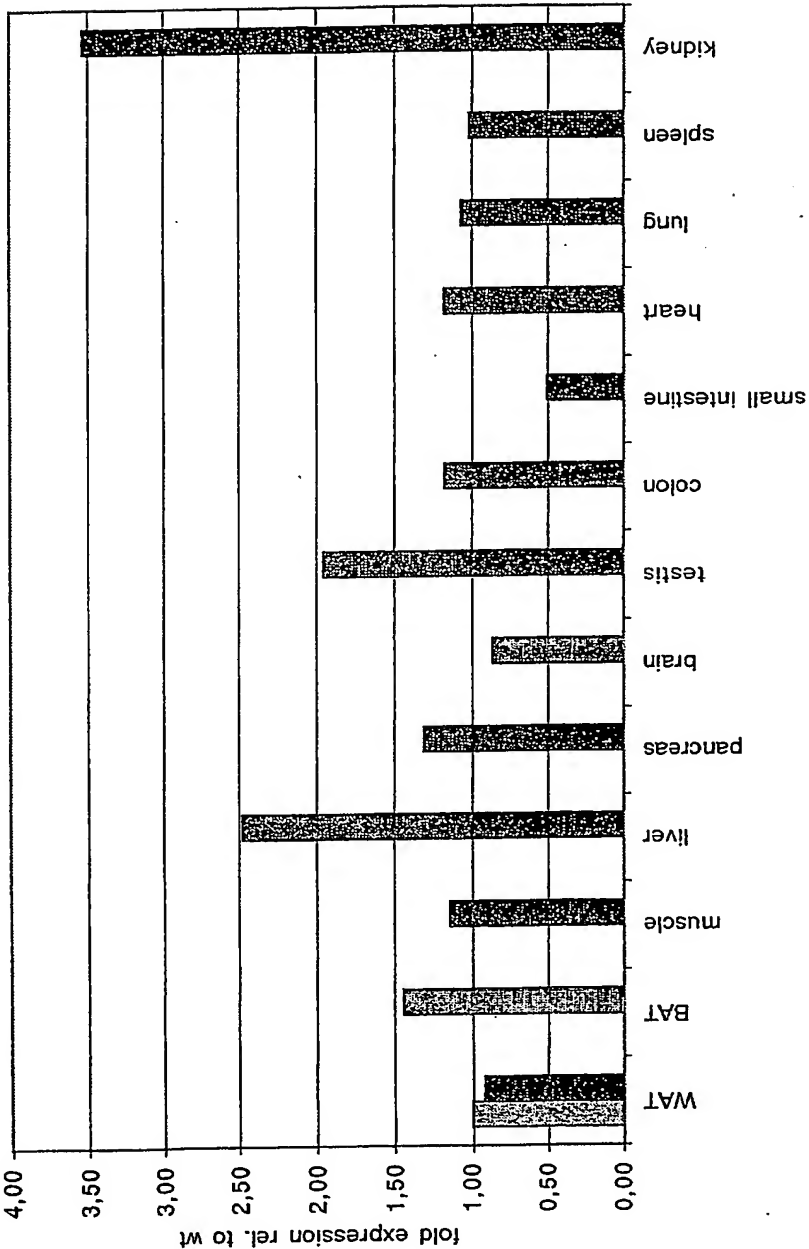


Fig. 2D

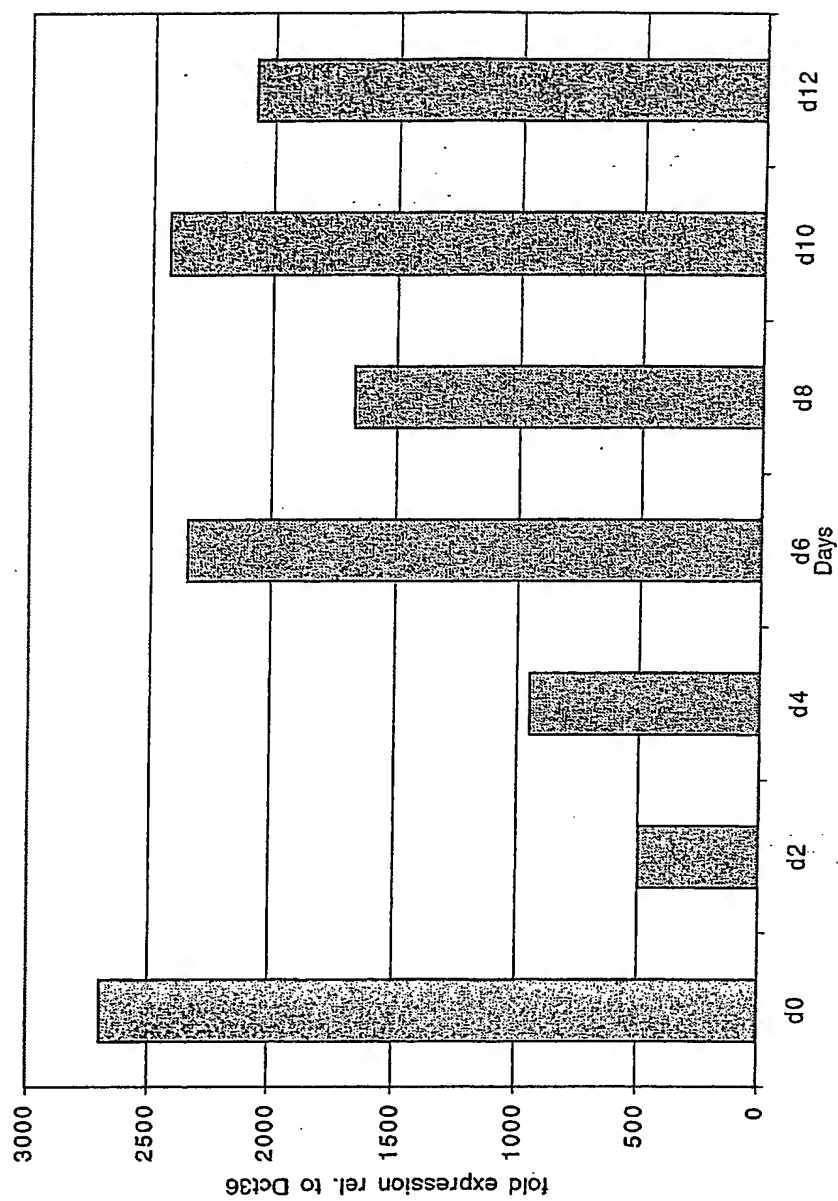


Fig. 2E

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Fig. 3A



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Fig. 3B

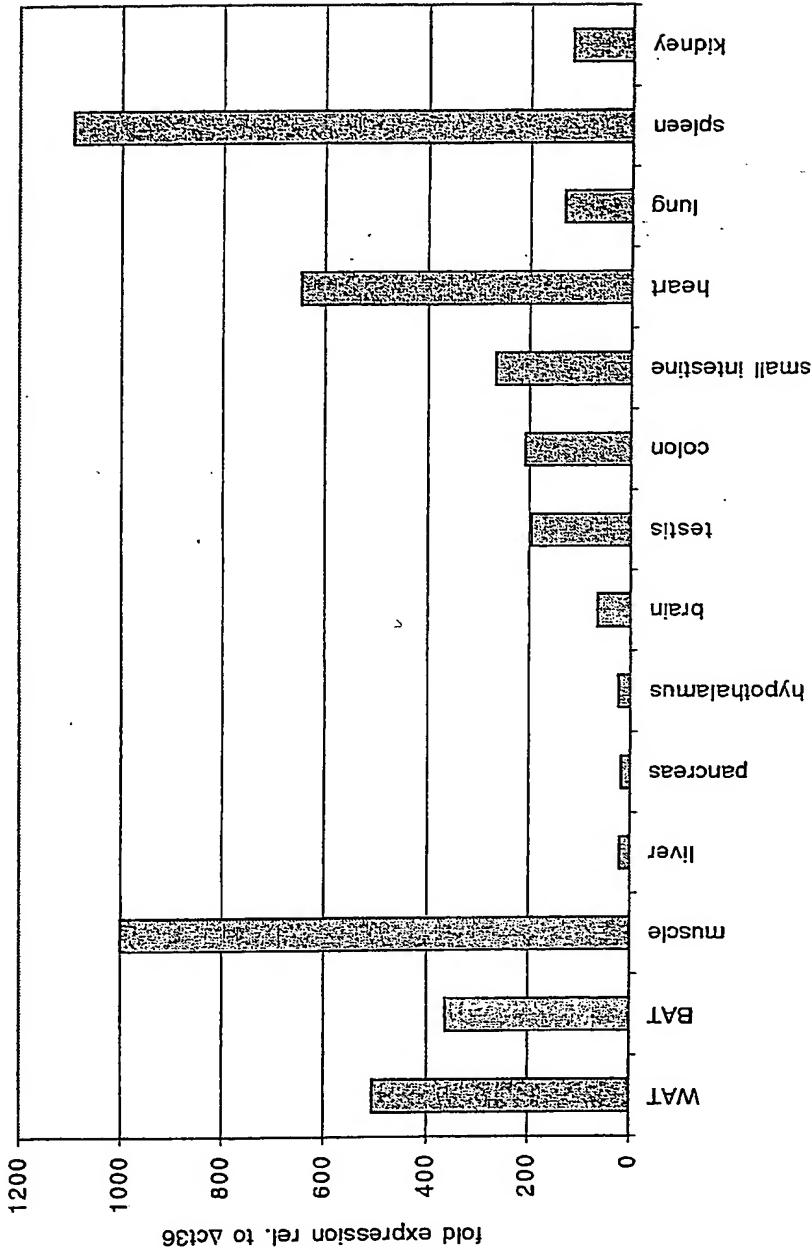


Fig. 4A

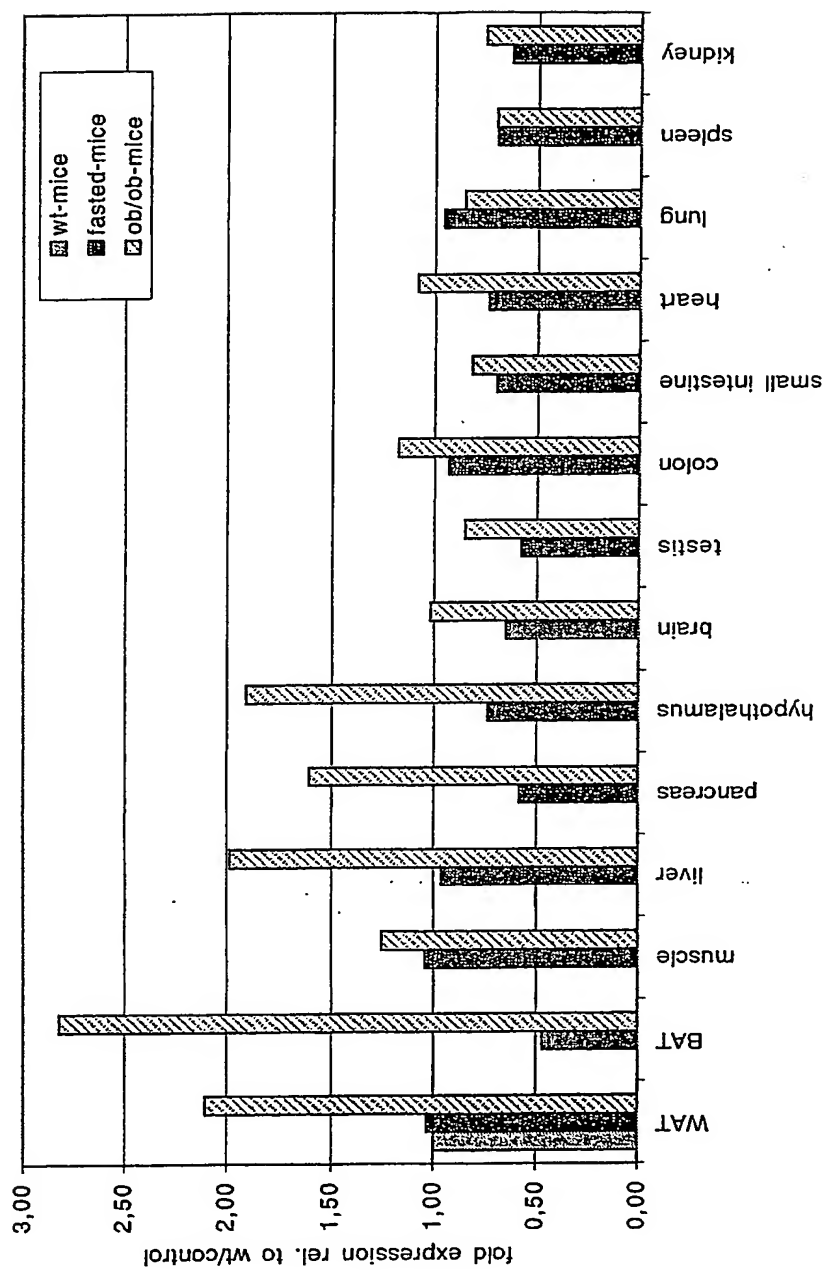


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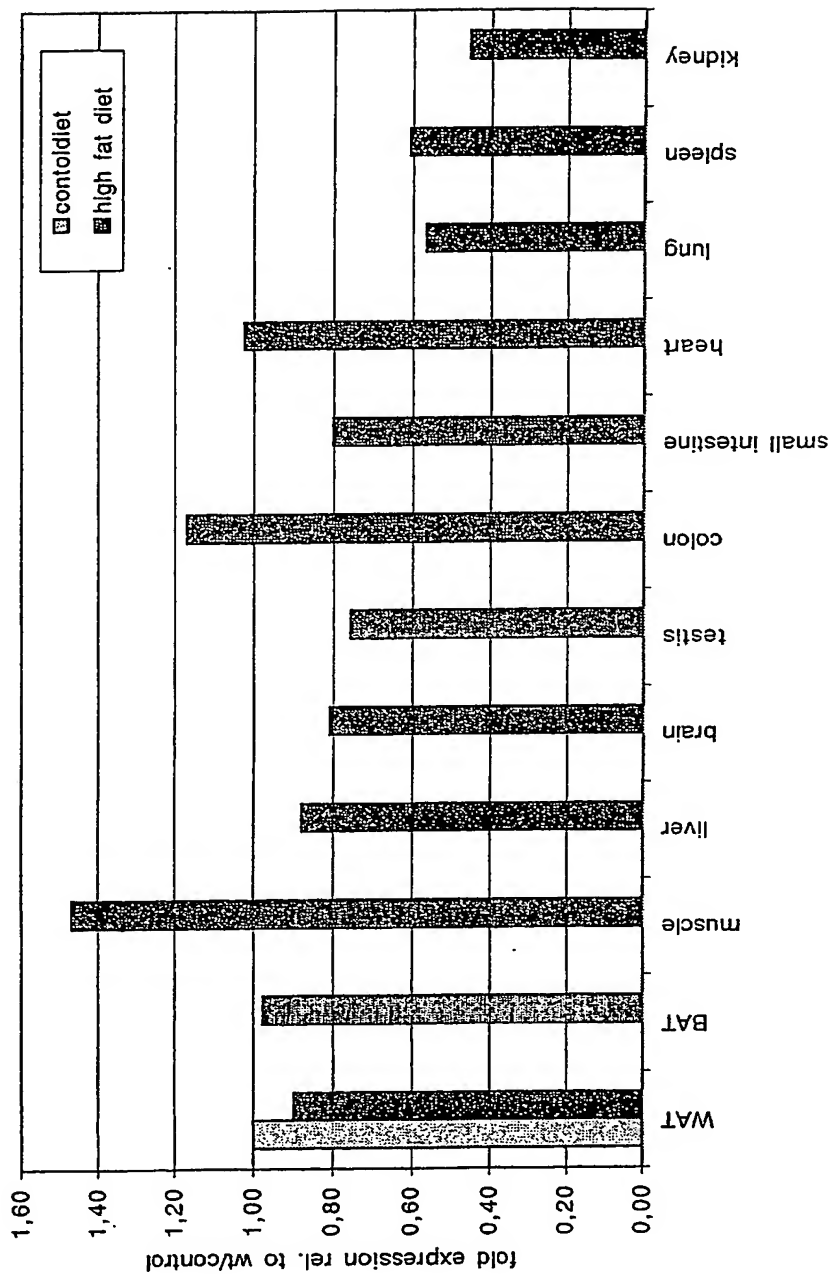


Fig. 4C

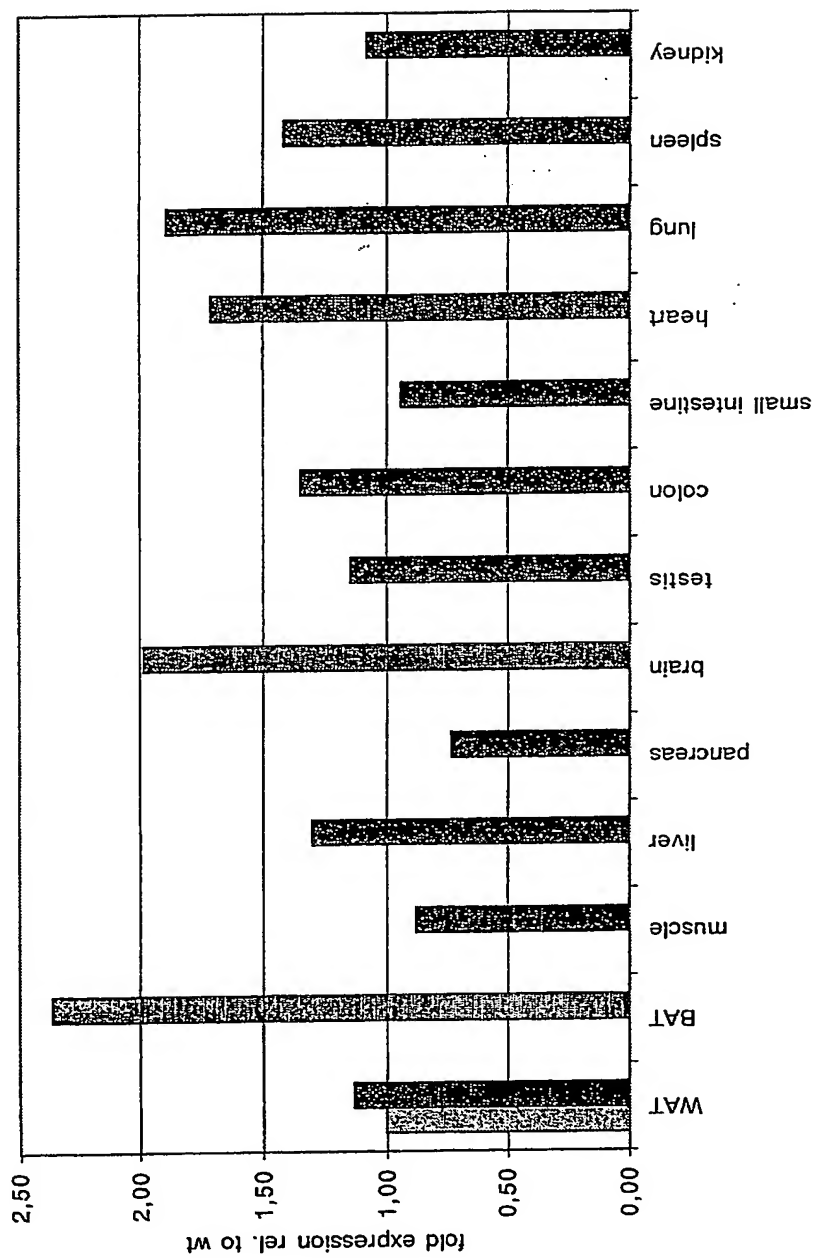


Fig. 4D

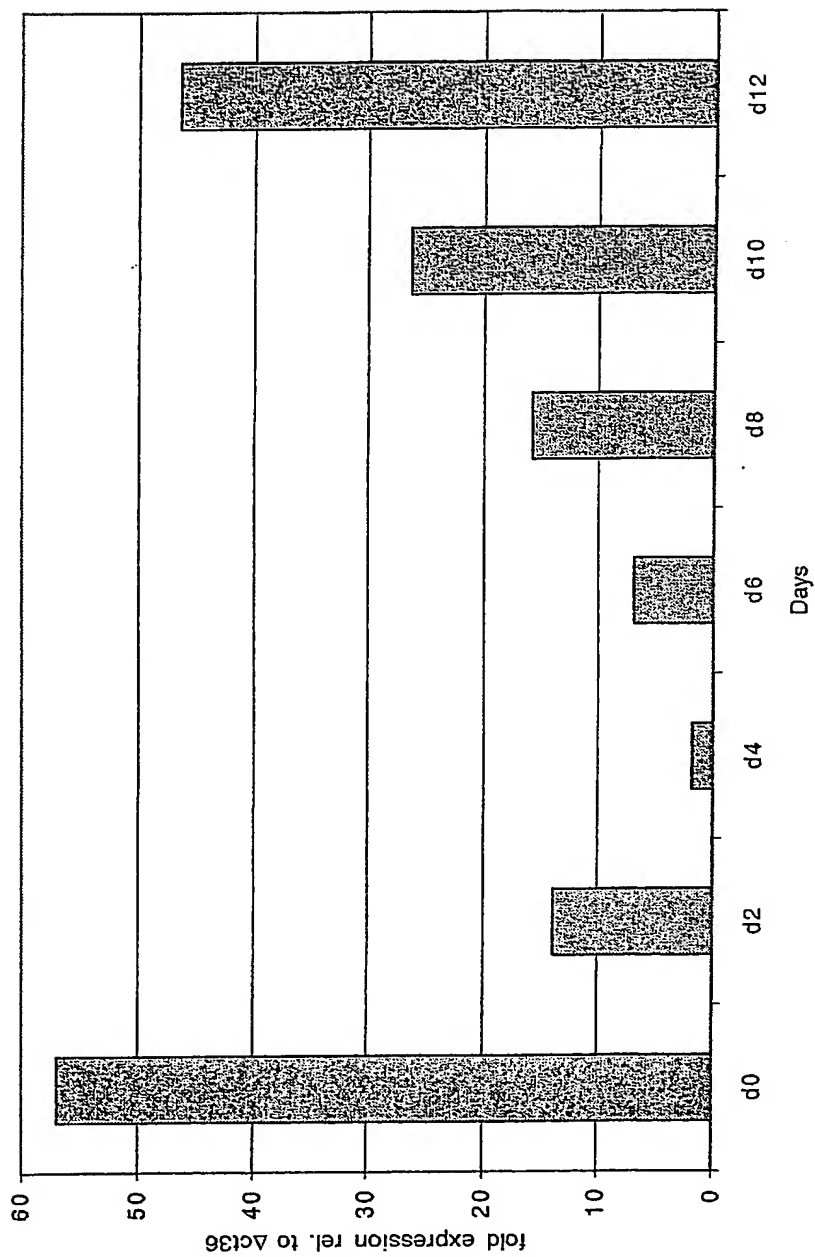


Fig. 4E

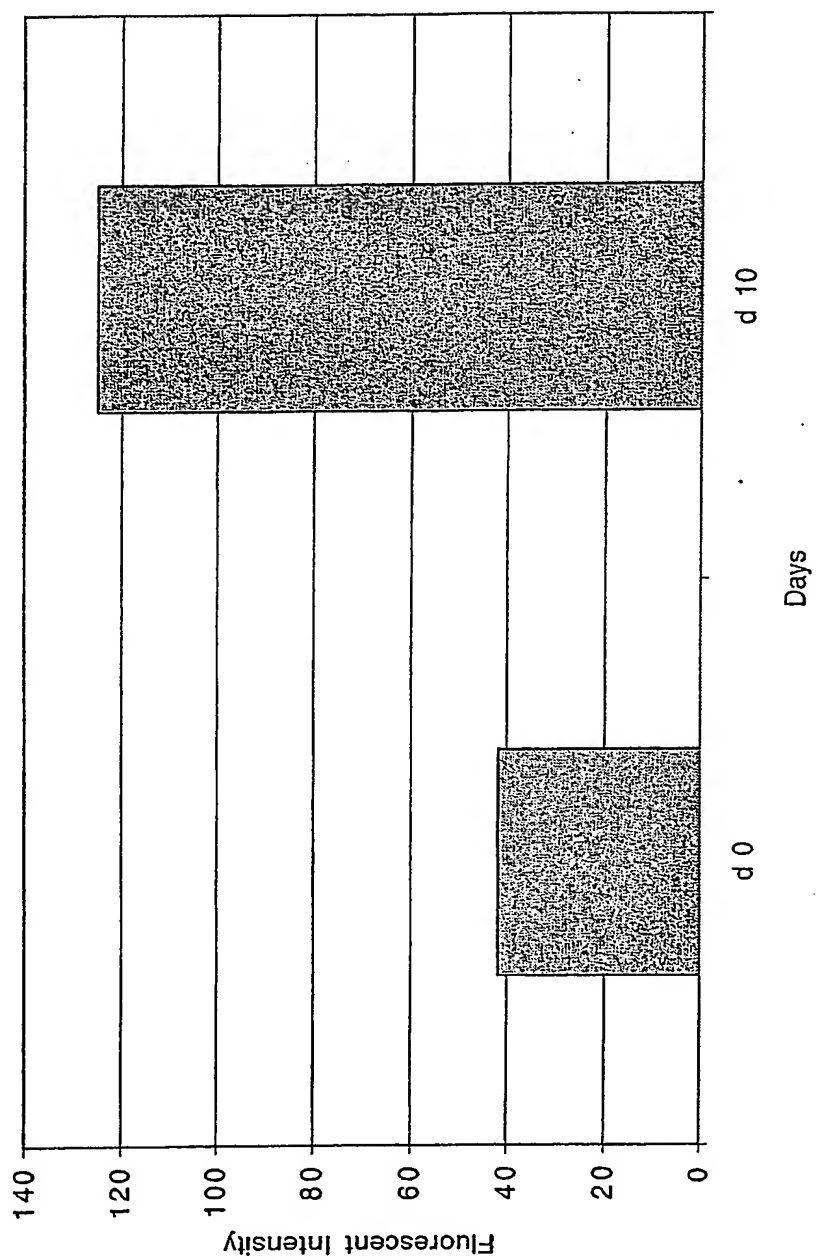


Fig. 4F

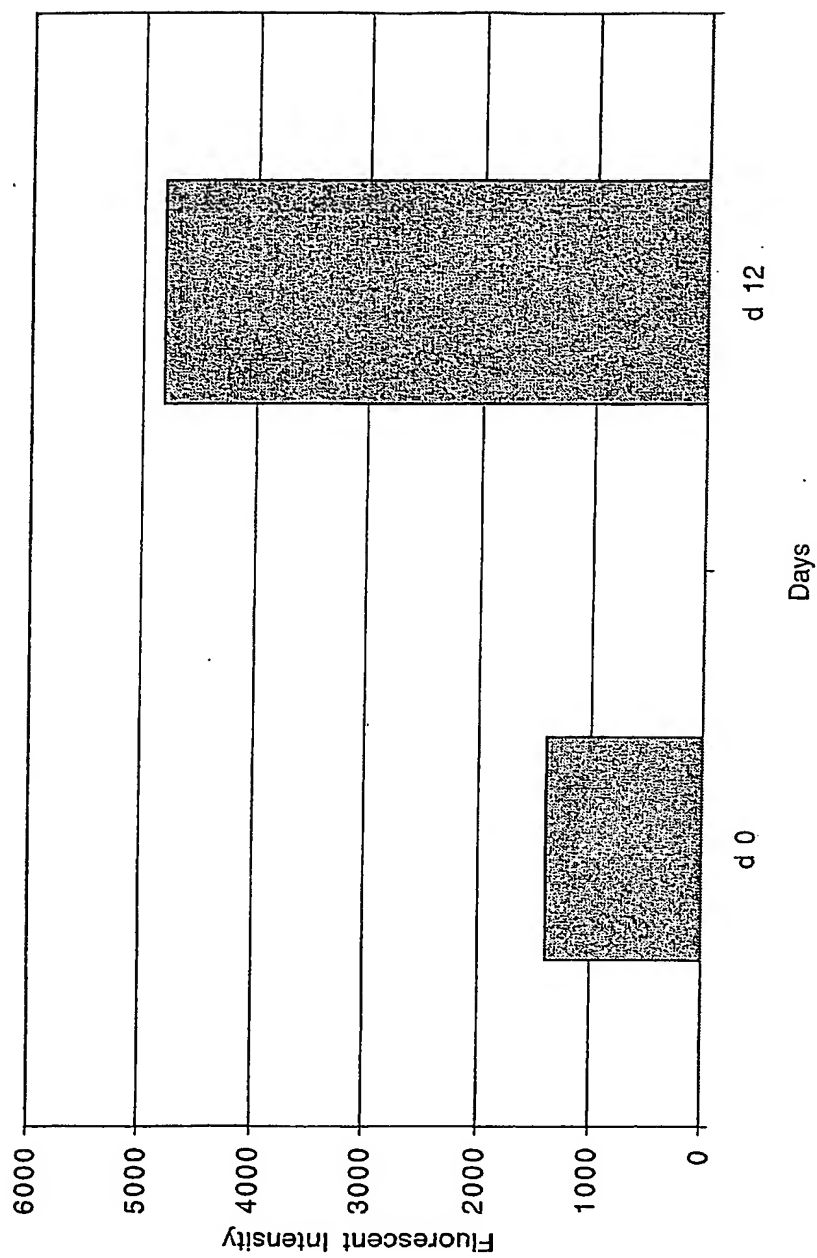


Fig. 4G



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Fig. 5A

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Fig. 5A (cont.)

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Fig. 5B

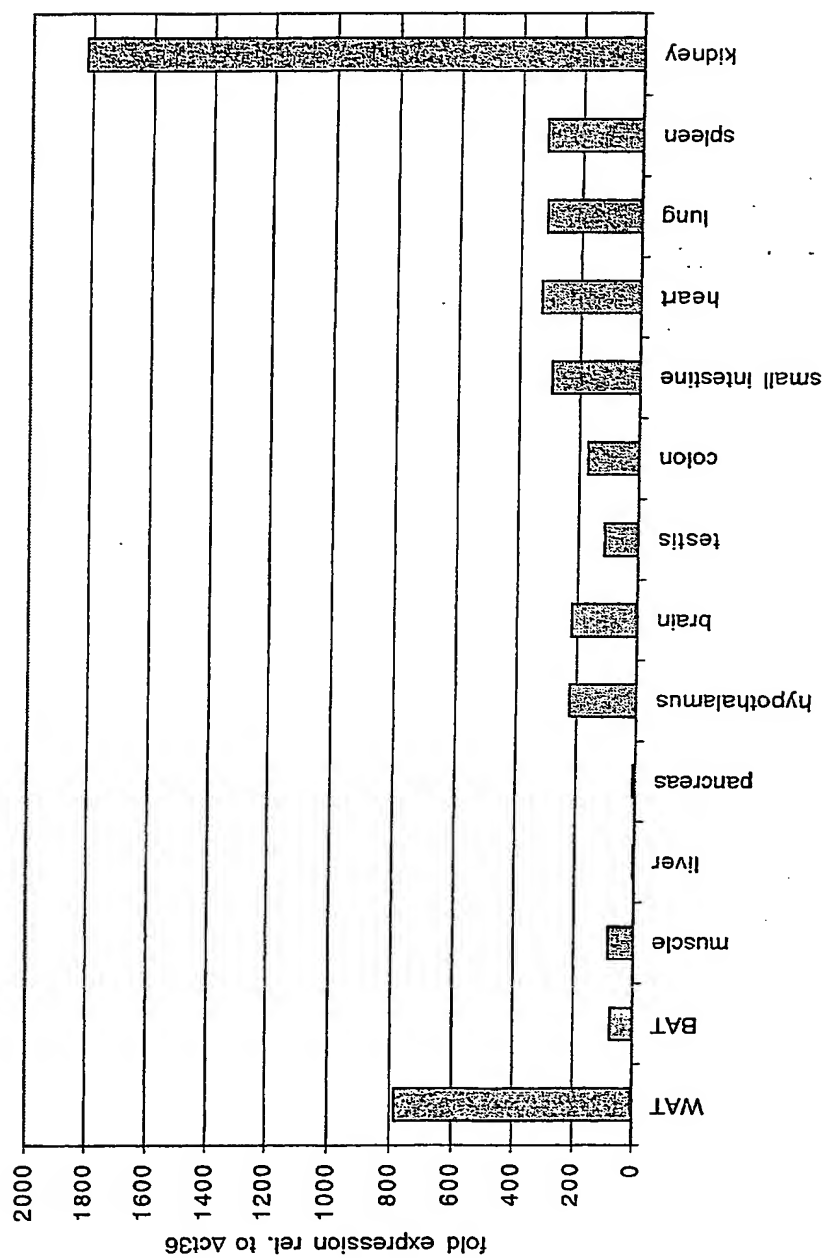


Fig. 6A

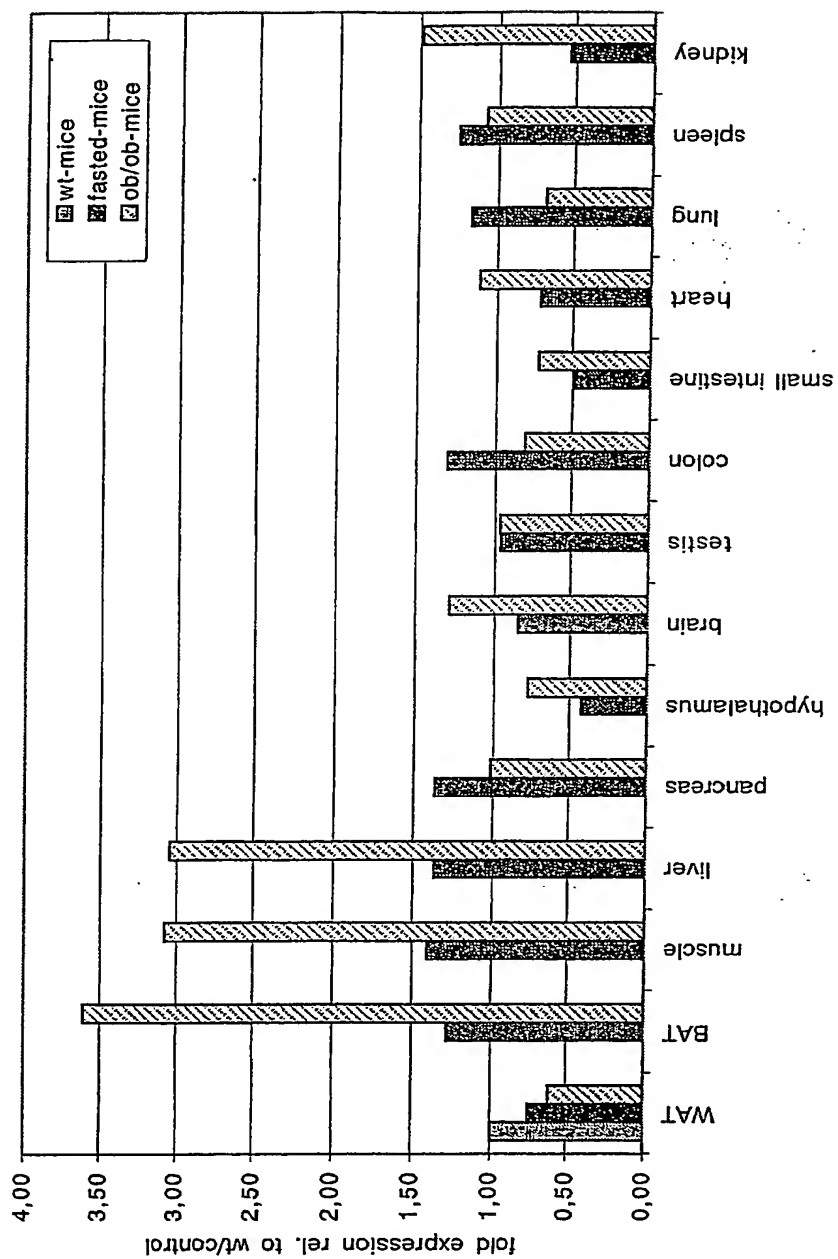


Fig. 6B

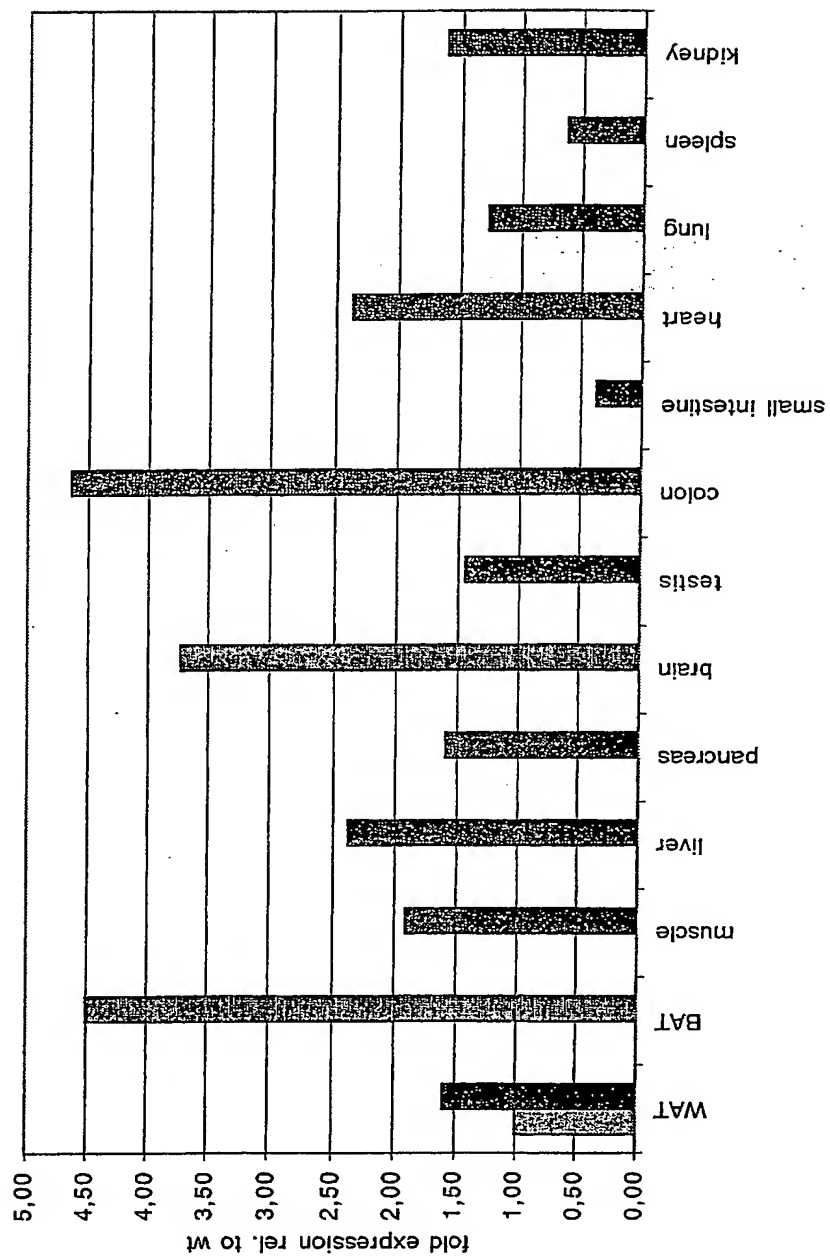


Fig. 6C

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121  gcccagatgg tcagttctgc cctgtggcct gctgcctgga ccccgaggga gccagctaca
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721  cctgctgtga gctgccagt gggaaagtatg gctgctgccc aatgcccac gccacctgct
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```

Fig. 7A

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1  mwtlvswval taglvagtrc pdgqfcpvac clpdpggasys ccrplldkwp ttlsrhlggp
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121  vgaiqcpdsq fecpdfstcc vmvdgswgcc pmpqascced rvhccphgaf cdlvhtreit
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241  sdhlhccpqd tvcdliqskc lskennattdl ltklpahtvg dvkcdmevsc pdgytccrlq
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481  ccpagytcnv karscekev saqpatflar sphvgvkdve cgeghfchdn qtcdrdnrqq
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Fig. 7B

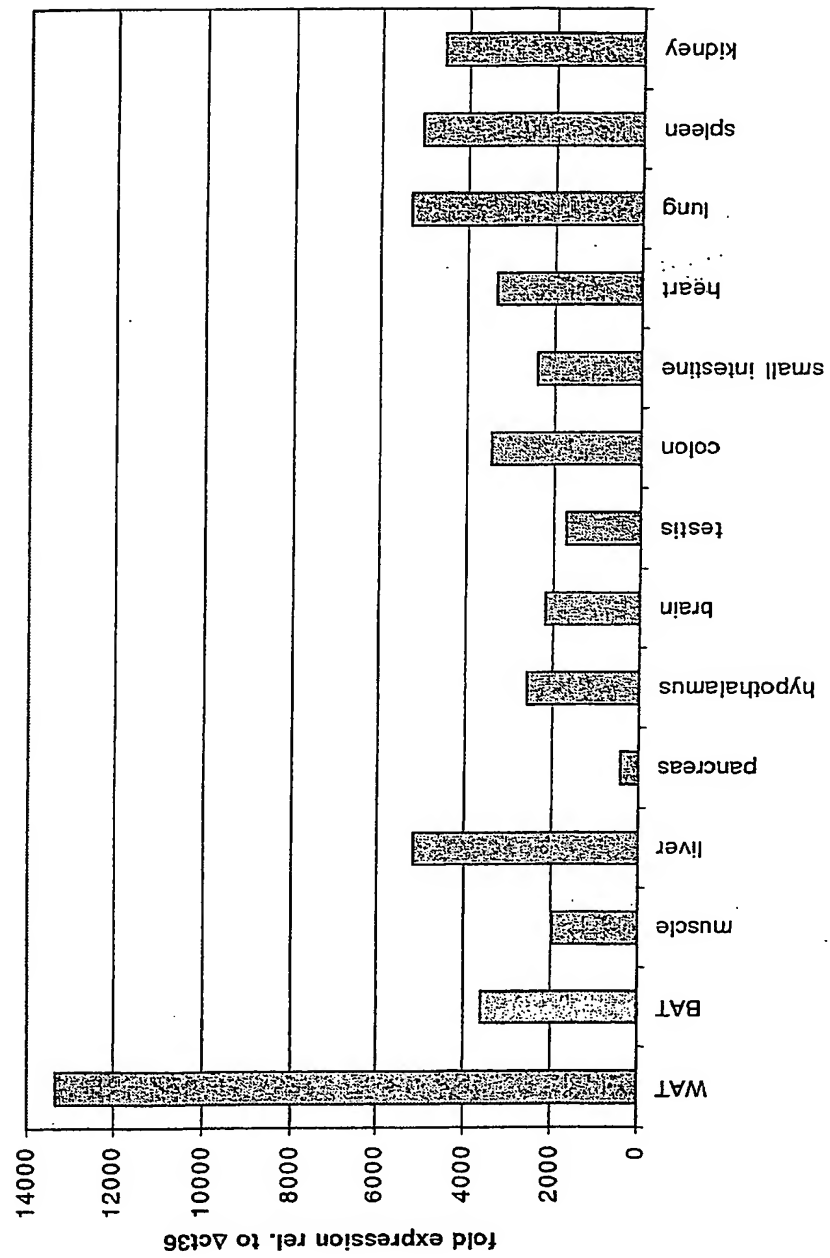


Fig. 8A

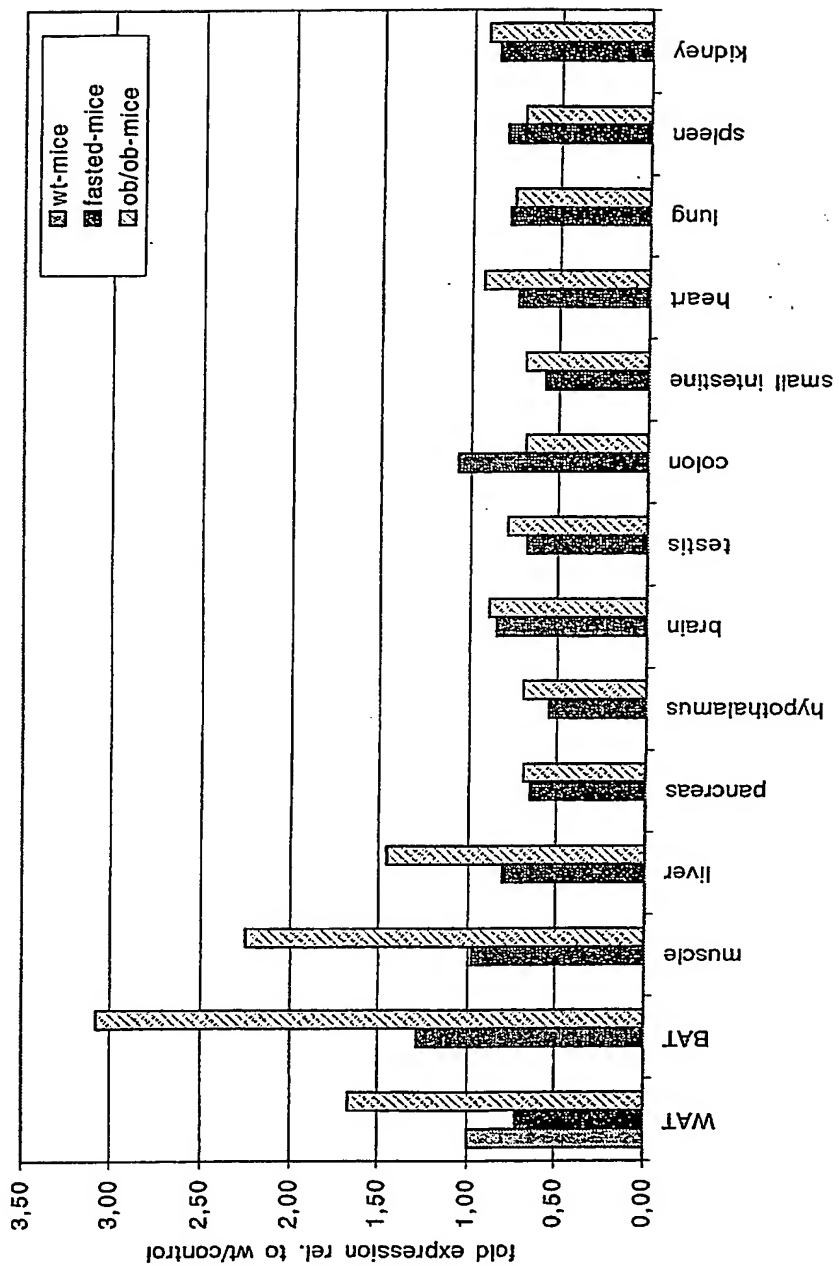


Fig. 8B



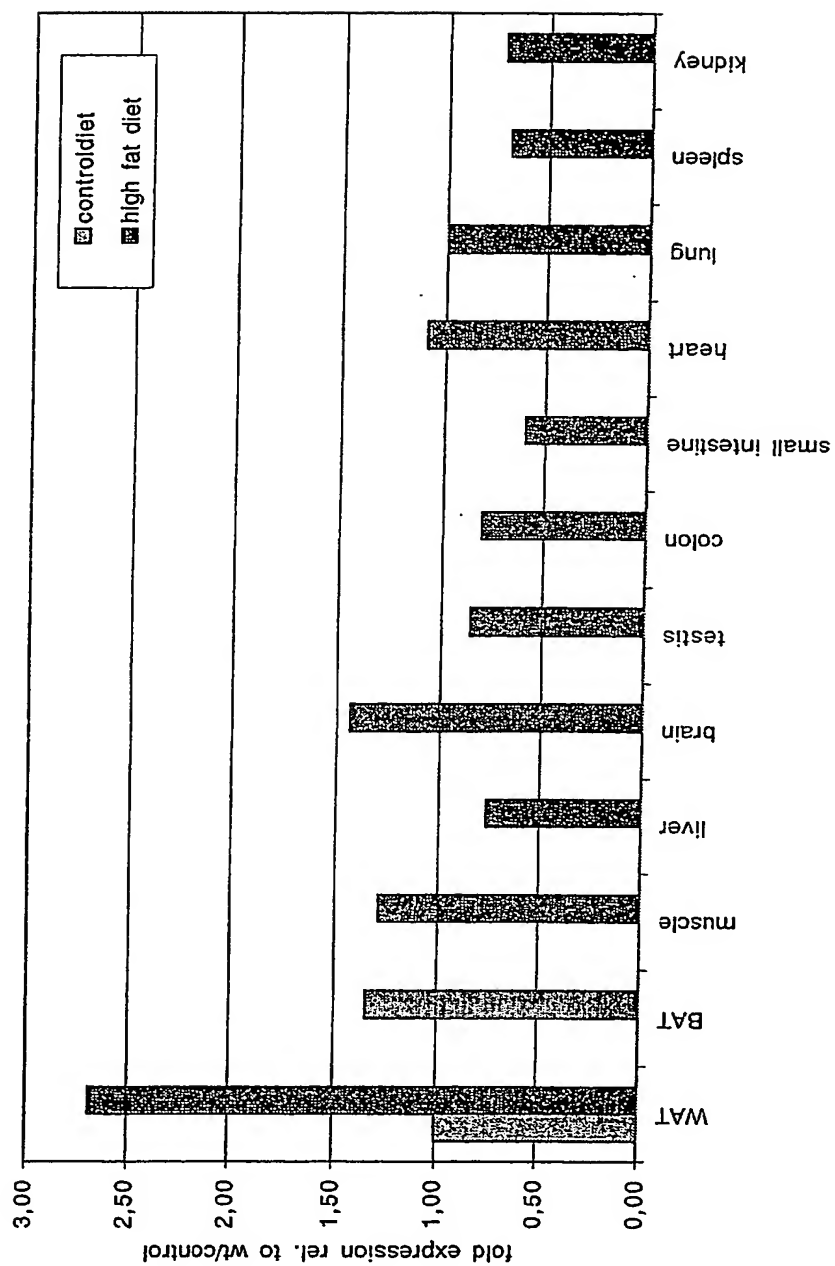


Fig. 8C

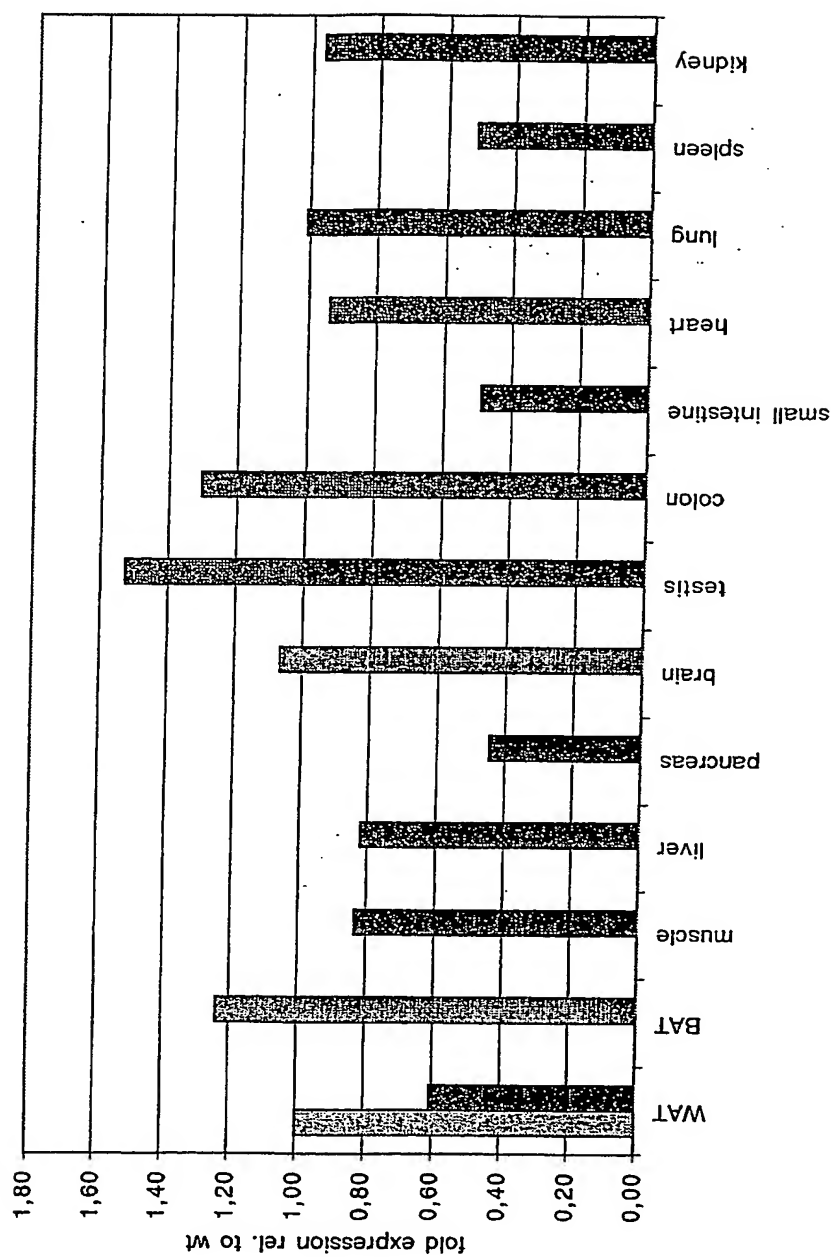


Fig. 8D

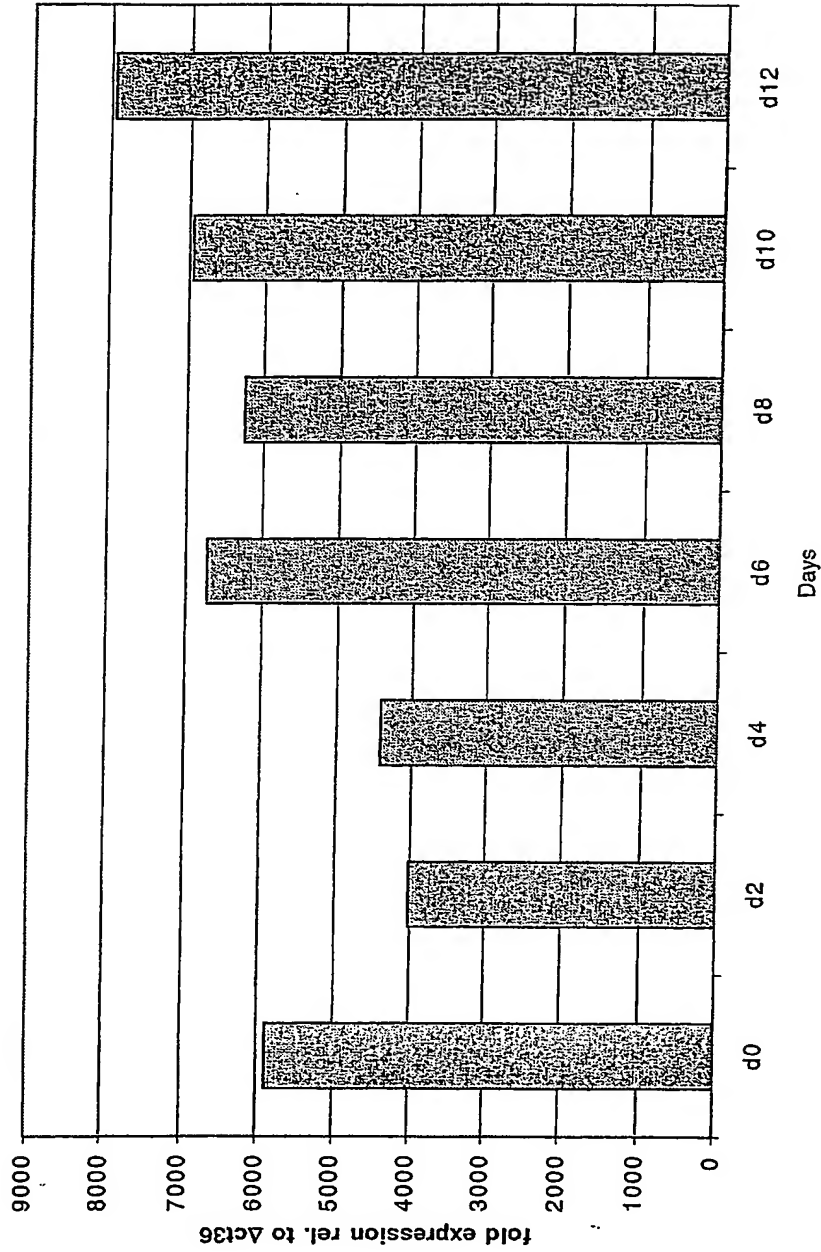


Fig. 8E